

Fig. 1A

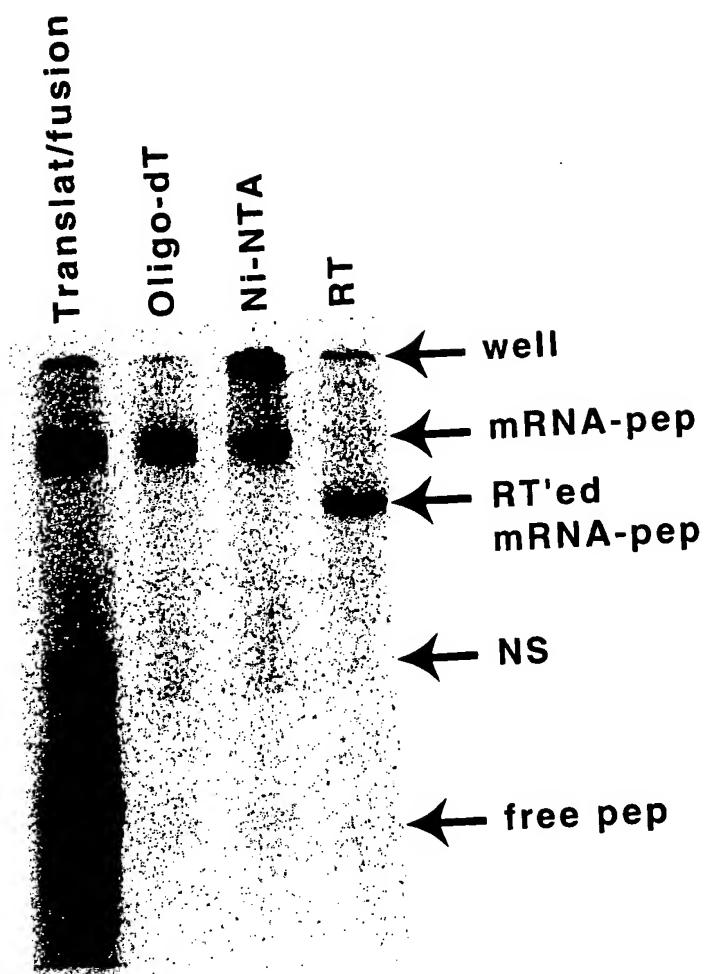


Fig. 1B

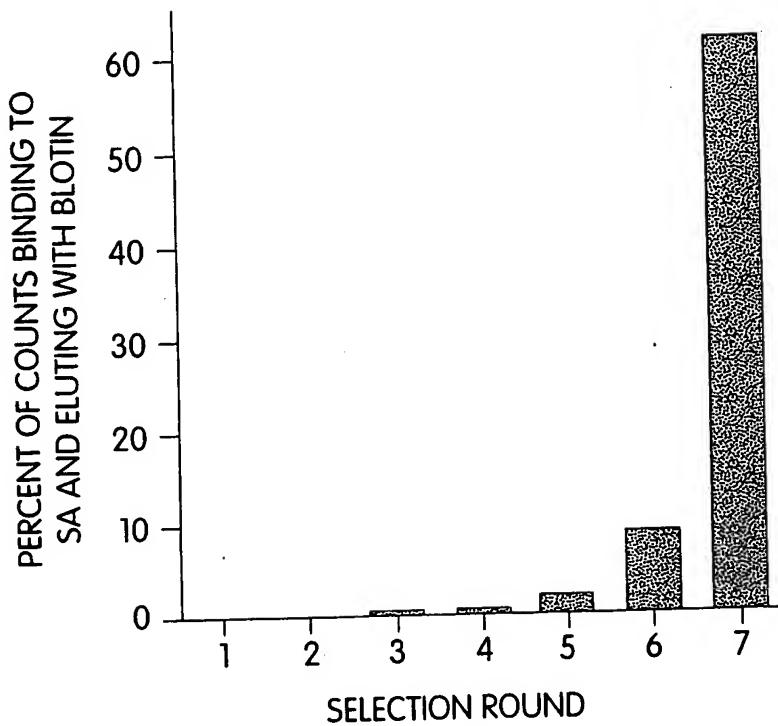


Fig. 2A

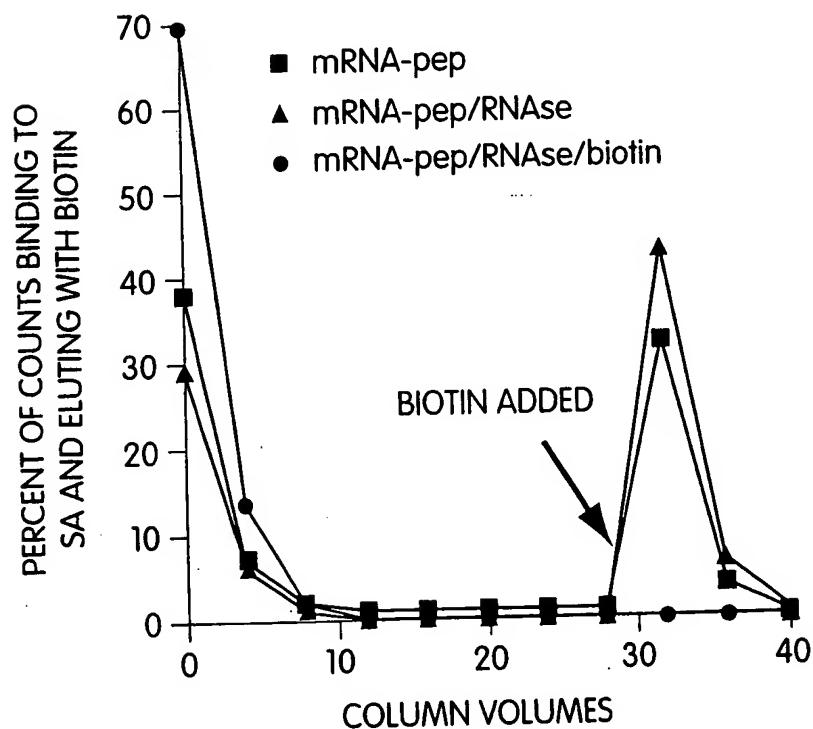


Fig. 2B

name	#	SEQ ID NO.:
SB1	3	MDEKTHCTISMNGAVPLVPHHHPQGDPLRLLHHRPOPALLVRHHPQGDLVALVEHHEGVDRLVALPELHAELGEPVGDLVQGEVEQVQGVYDAL <u>WRLPPS</u>
SB2	2	MDEKTHCFHPGDHLVRLVEELQALAEGLQRQGGRQPHRLPRRRPHLQLLDEAHPQAGPLRERAHQVDGRLLLQHQHHPQGDRLLQOPQDHPLE <u>WRLPPS</u>
SB3	4	MTRRPTASSSSCVRLLLRQGEHHQALLEDKARHVLVRLVEILQALAEGLQRQGGRQPHRLPRRRPHLQLLDEAHPQAGLVLPLHGGDLGGHLRULFLEAHPQGDRJGLA <u>WRLHH</u>
SB4	1	MDEKTHWINGISTWRGEPLLHHPQAGRLPJDRRRARHRLRILGAEPGGVDHGLRILELLDDHRLPVDHPQGRLPQVVPVLRLRHAHVGLGLAAATIT
SB5	3	MDEKTHWVNYYHPQGDLLVQGHGHDEALHDQGLHQDLLLVGGPPEVRALEQVLLGGRLVGLRGEVLLGGRLVPLDHPQGEALDQARORPQHILLELHHRALPP <u>WRLPPS</u>
SB6	1	MDEKTHWLNNEELLARLDGLREGEDDHPLVLRHHPQGDGLDQFGRERALDGEVREGDRPLDQGGEEDLGALVDDGEVLLDGLVHDPLVCG <u>WRLPPS</u>
SB7	1	MDEKTHWFGTLNSFPTHMSAVGNGKIDCSFMNMLSINHHLSSGHPDGAIDQDQLHQGJLGHRRGVVAERLARRDPEVLEGLVERHRLVHGGGERHAEP <u>WRLPPS</u>
SB8	1	MDEKTHCTIELNESFTWKLHHHPQGDALLDDGVRPHPLADEGGGLDQGJLGHRRGVVAERLARRDPEVLEGLVERHRLVHGGGERHAEP <u>WRLPPS</u>
SB9	1	MDEKTHCNTGLYDGAADCNFNENKDVAPLVEGRHDLIVEGLLJLREHPQGDPLVAHRLVHPLLGRGERHRLVHPLLGRGERHRLVHPLLGRGERHRLVHPL <u>WRLPPS</u>
SB10	1	MDEKTHWHERAQELYGGLLLHDPQGLVREHGRQPLAGRVEEADGGLRDGGCELEPLVREGEDHLEPLDDELDAGBPGRLY <u>WRLPPS</u>
SB11	1	MDEKTHWHERVHHLADGLEQHPQGQRRLFVERHRLQHEGLPLEHPAGVHVTIRLHQGDDRDVDCGLVTDGHGRDVRGLEREVGDCPHRLV <u>WRLPPS</u>
SB12	4	MDKDPLEELFEERLVLHHPQGGLLPRLRGQYGHDAERLGAEVDDLQHEGLPQGLVREHEVDVLPLAEEVQQVVGGLADGVQPLQLGELQARLQPLAGEHEGDAGLQRVPGHQGRRRL <u>WRLPPS</u>
SB13	2	MEREDPLDEQRLREALVDPHQGGAQALHHRDGGEHYPLRRVQHRLQPGQLQHLEPQFLGLGELQARLQPLAGEHEGDAGLQRVPGHQGRRRL <u>WRLPPS</u>
SB14	1	MDEKTHRTLSVSLSFNDWLQTKACWRLVTEGLHHPQGLVREHEVDVLPLAEEVQQVVGGLADGVQPLQLGELQARLQPLAGEHEGDAGLQRVPGHQGRRRL <u>WRLPPS</u>
SB15	1	MDEKTHWLEDLKGVLKDCDLMDFTKDCRSRPRVQPOPPLHHDRGEPVPLREAGRLGCGLGPRAPROARPLHGRHDLHEPLVILQDHPQGGPLVCG <u>WRLHH</u>
SB16	1	MDEKTHWVVLQLHPQGDRLGRHGGDDVRLVYQQGEGLVLEGGLDGRPRRRRHLPREDEHVRALVYDQVRLAERLVEVDGGVEALRH <u>WRLPPS</u>
SB17	2	MDEKTHWVGLQEPPLGQPLHGGVGEVPGGLVLRHHPQGDHLRLEPLGLHGGVGEVPGGLVLRHHPQGDHLRLEPLGLHGGVGEVPGGLVLRH <u>WRLPPS</u>
SB18	1	MDEKTHCAVNVNGLTHWCHRV AHLQPLDHPQGDHLRLEPLGLHGGVGEVPGGLVLRHHPQGDHLRLEPLGLHGGVGEVPGGLVLRH <u>WRLPPS</u>
SB19	1	MDEKTHGWRGGHVGEGLEQRLARLEHHPQGOREPLVQEVEDVDEGLVQDLHGVVAGLLDPVEKLTDMEFKFKFNVSKDOCKMTFYLEMYDWSSG <u>WRLPPS</u>
SB20	1	MNEKTHCKLNFKVNIAWMLAEPHGGQQGLLGRDGVQRLVGDQVERUDRDPLGLGDLRLELHHRDHLRGEHLLRDP <u>WRLPPS</u>

Fig. 3

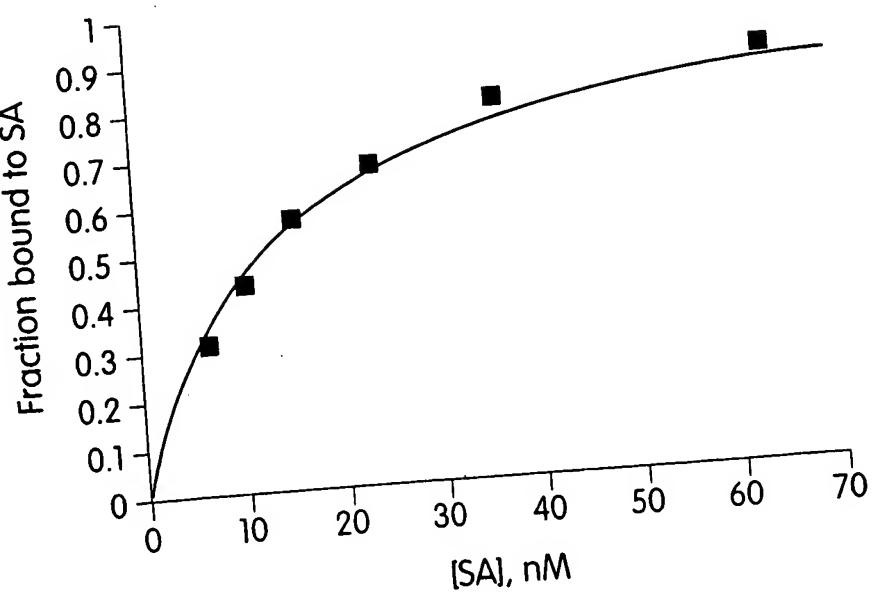
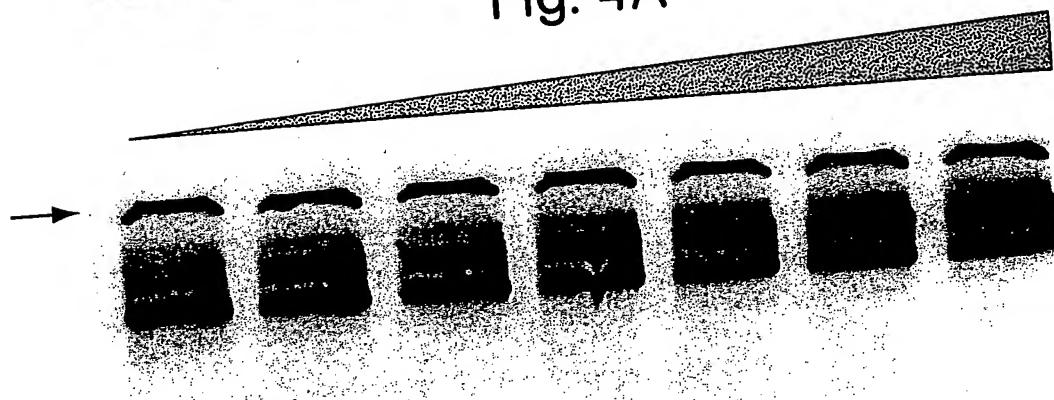
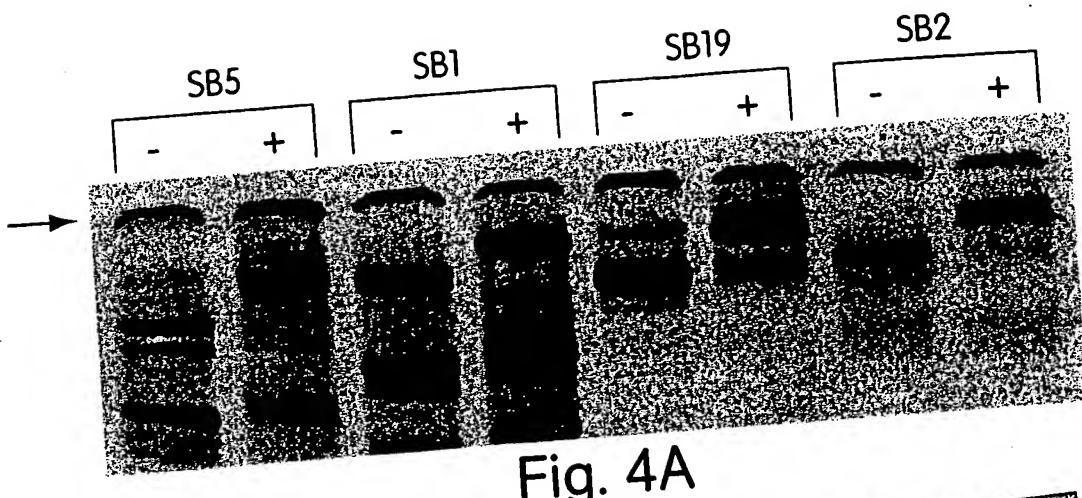


Fig. 4C

		% binding	SEQ ID NO:
FL	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HH</u> PQGQREPLYQEVEDVDEGLVQDLHGVVAGLLDPVEKL	85	21
C1	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HH</u> PQGQREPLYQEVEDVDEGLVQDLHGVVAGLLDPVEKL	87	22
C2	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HH</u> PQGQREPLYQEVEDVDEGLVQDLHGVVAGLLDPVE	88	23
C3	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HH</u> PQGQREPLYQEVEDVDEGLVQDLHGVVAGLLDPVE	89	24
C4	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HH</u> PQGQREPLYQEVEDVDEGLVQ	88	25
M1	MDEKTTGWRGGHVEGLAGELEQRLRARLE <u>HH</u> GAGQREP	0.065	26
N1 MD	GHVVEGLAGELEQRLRARLE <u>HH</u> PQGQREP	69	27
N2 MD	EGLAGELEQRLRARLE <u>HH</u> PQGQREP	30	28
N3 M	ELEQRLRARLE <u>HH</u> PQGQREP	0.058	29

Fig. 5

(SEQ ID No.: 37)

Fig. 6A

Fig. 6A (continued)

(SEQ ID No. : 38)

MGIEEGKLVIWINGDKGYNGLAEVGKKFEKDGTGKVTVEHPDKLKEEKFPQVAATGDDGPDIIFWAHDREFGGYAQSGLLAEITPDKAQFDKLYPFTWDAVRYNGKLIAYPIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWP
LIAADGGYAFKYENGKYDIKDVGVDNAGAKAGLTFLVDLIKNMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSK
VNYGVTVLPTFKQGPKPSKPFVGVLSSAGINAASPNEKLAKEFLENYLLTDEGLEAVVNKDKPLGAVALKSYYEEELAKDPRIAATMENAQKGEIMPNIPQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSGGSGSGMDEKTGWRGGHVVEGLAGELEQ
LRARLEHHPOQQREPGSGHHHHHEFLVPRGSMMDPCVKCKVAPRNWKVKNKHLRIYNMCKTCFNNNSIDIGDDTYHGDD

Fig. 6B

(SEQ ID No. : 39)

MDPCVVKCKVAPRNWKVKNKHLRIYNMCKTCFNNNSIDIGDDTYHGDD

Fig. 6C

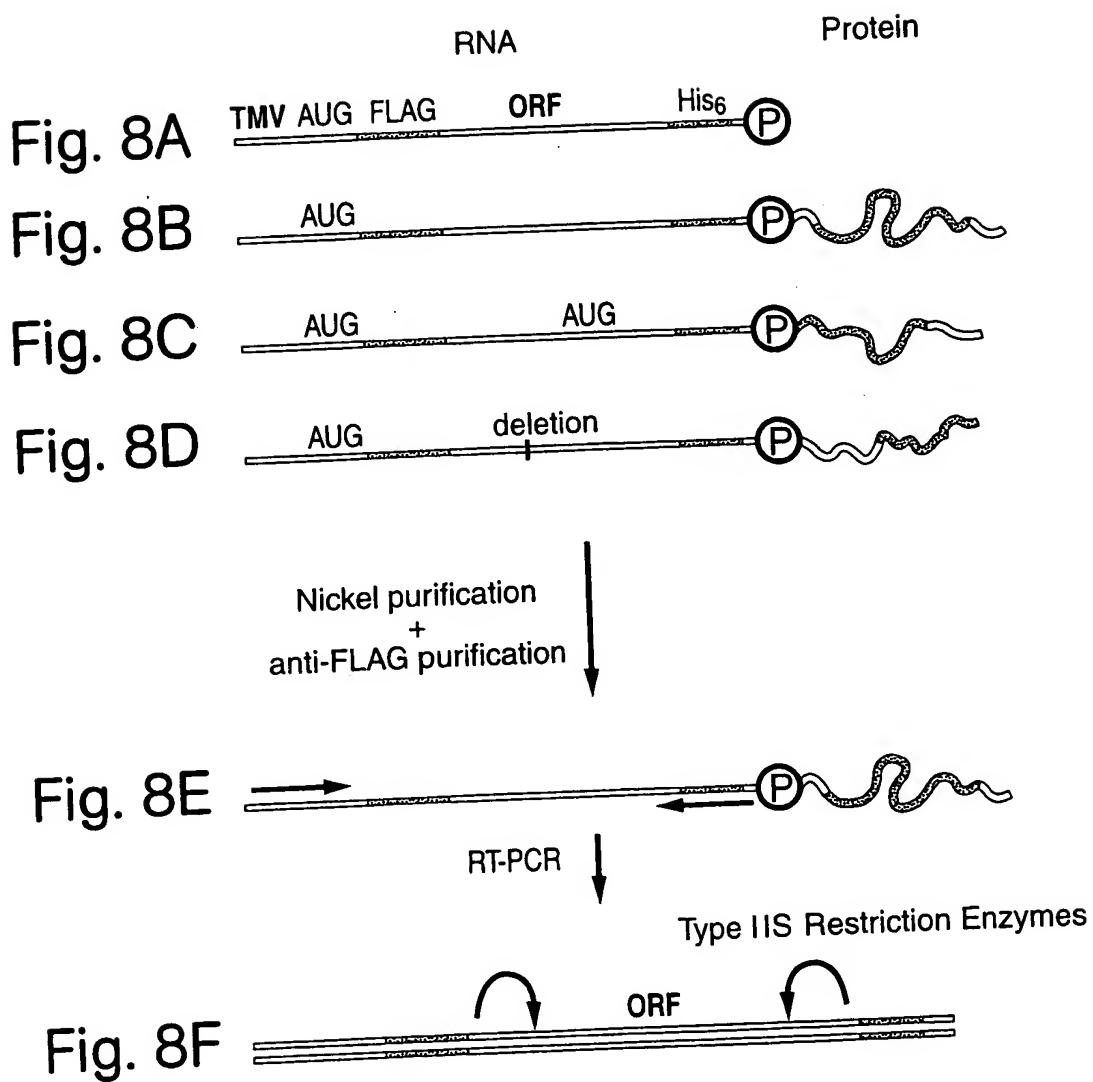
1004321 □ 4.55 G

M D E K T T G W R G G H V V E G L A G E L E Q L R A R L E H H P Q G Q R E P

Fig. 7A



Fig. 7B



(SEQ ID No.: 40)

Fig. 9A

Fig. 9A (continued)

Fig. 9A (continued)

(SEQ ID No. : 41)

MGIEEGKLVIWINGDKGYNGLAEVGKKFEKDTGIKVTVHPDKLEEKFPQVAATGDPDIIFWAHDRFGGYAQSGILLAEITPDKAQDKLKYPTJWDAVRYNGKLIAYPIAVEALSILYINKDLPNPKTWEIIPALDKELKAKGKSALMFNLQEPYFTWPLIAADGGYAFKYENGKYDIKDVGDNAKAGLTFLVDLIKNKHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSKVNYYGTVLPIFKGQPSKPFVGVLSSAGINAASPKNELAKEFLENYLLTDEGLAEVNKDPLGAVALKSYEEELAKDPRIAA TMENAQKGEIMPNIPQMSAFWYAVRTAVINAASGRQTVDDEALKDAQTNSSGGSGMDEKTTGWRGGHVGEGLEQLRARLEHHPQGOREPGSGHHHHHEF

Fig. 9B

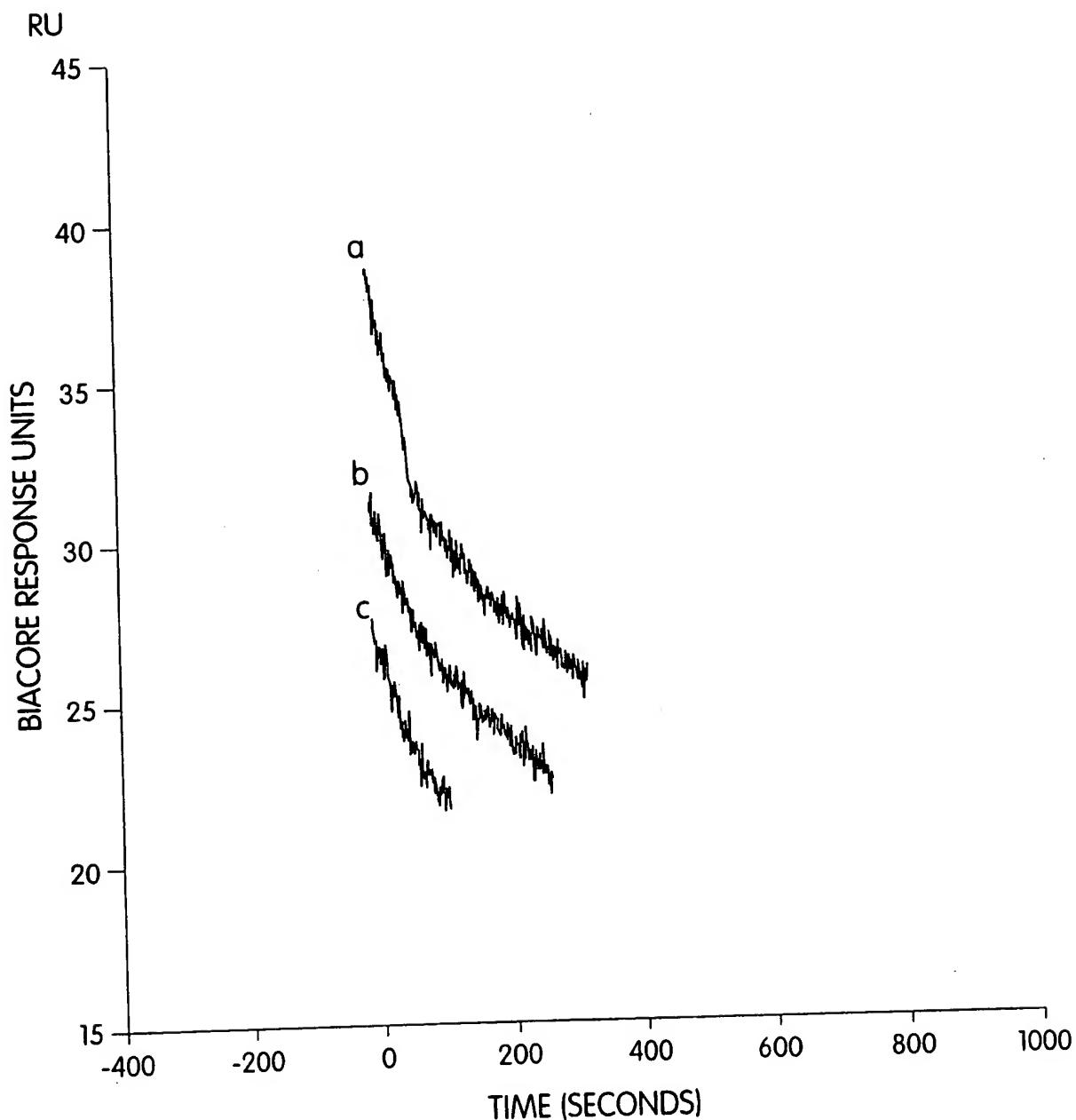


Fig. 10A

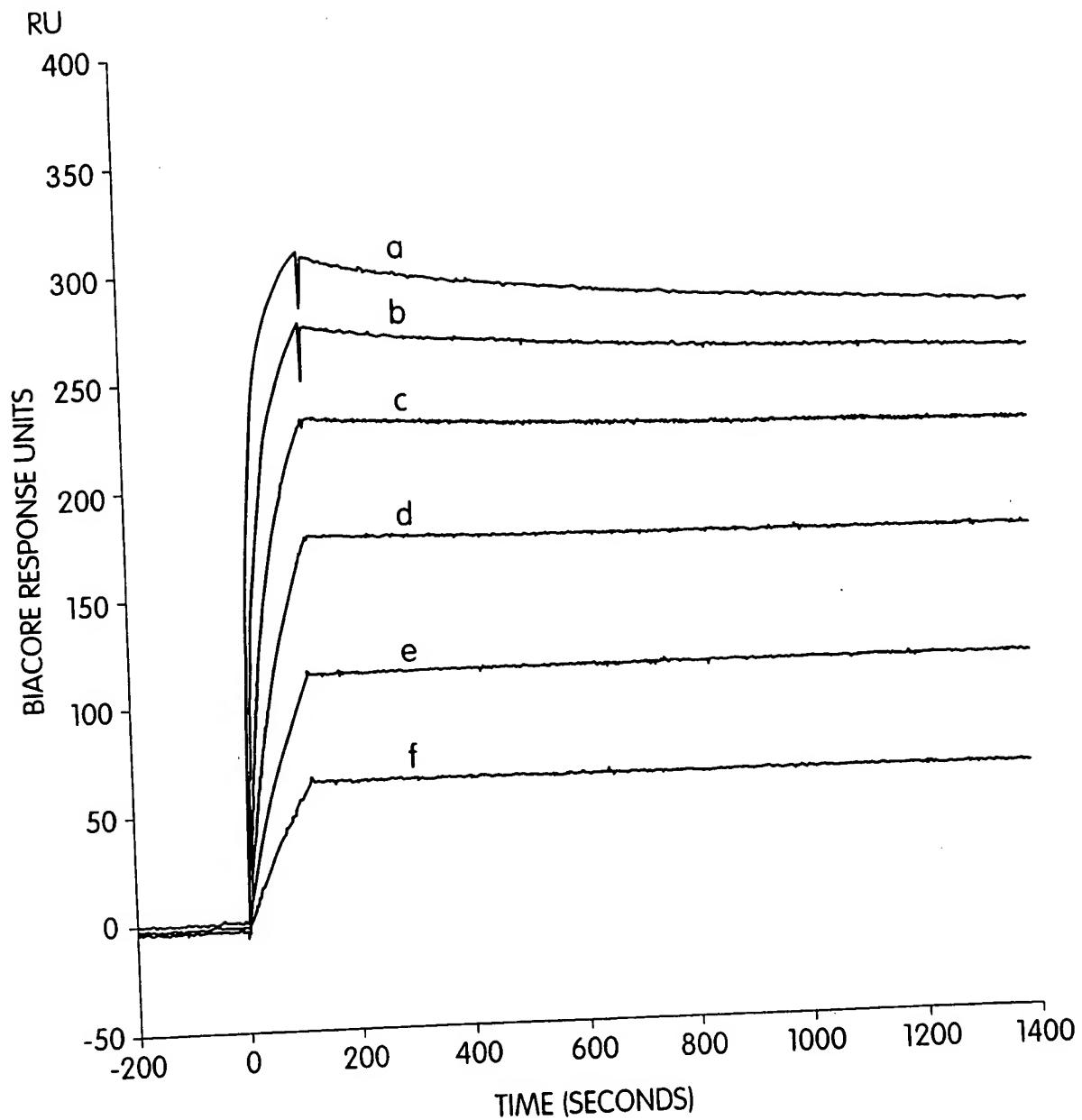


Fig. 10B

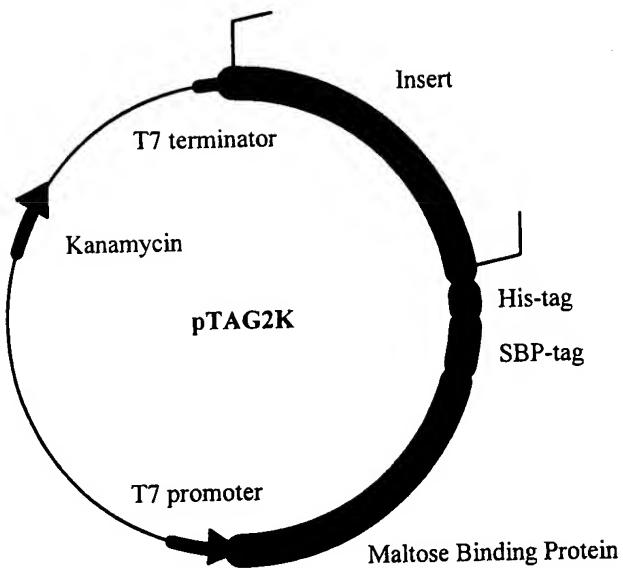


Fig. 11

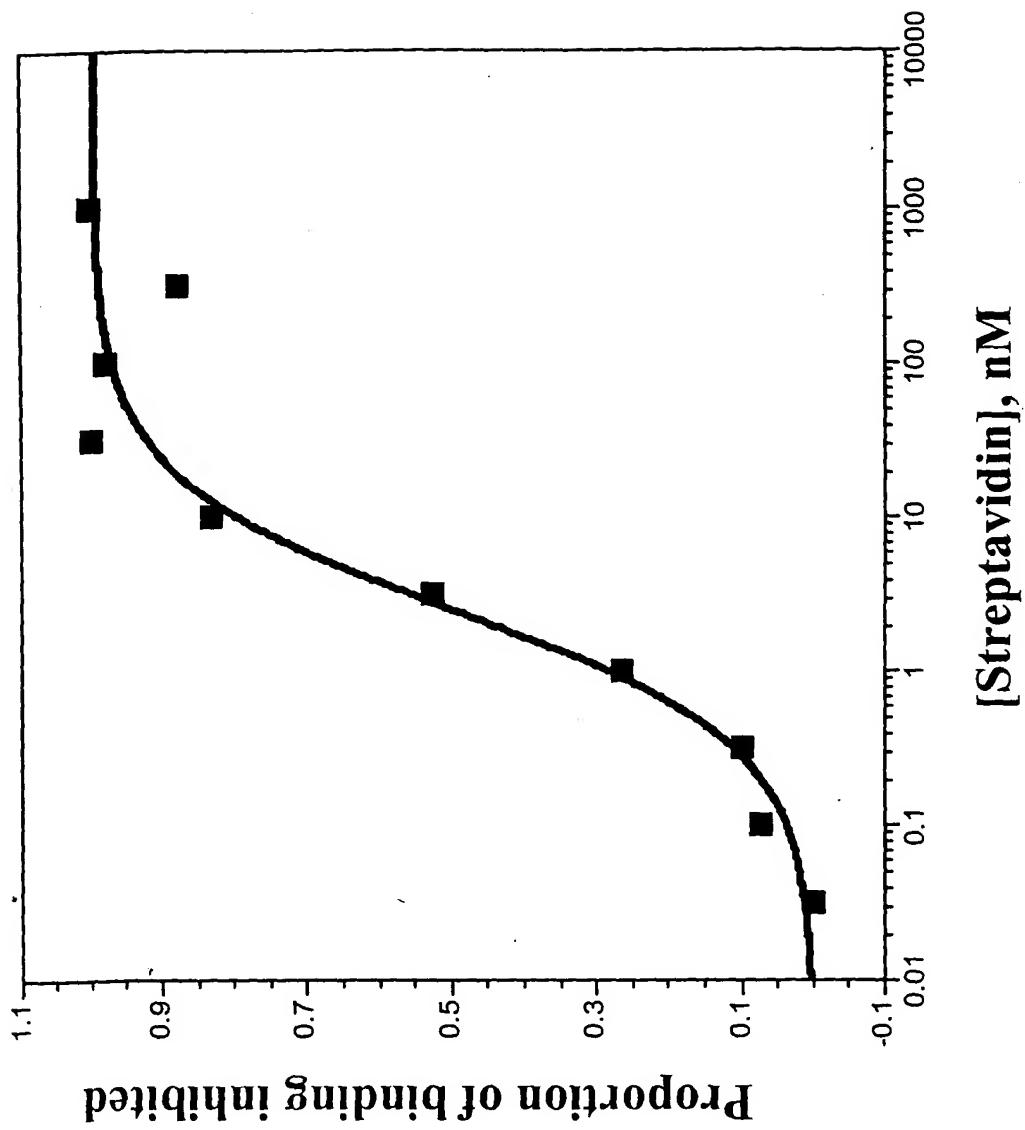
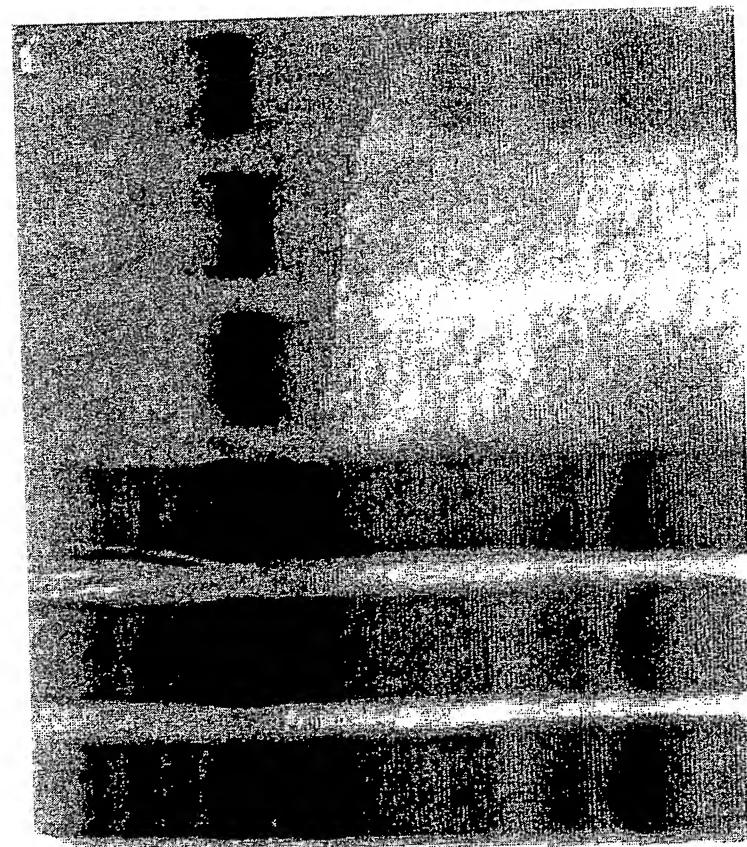
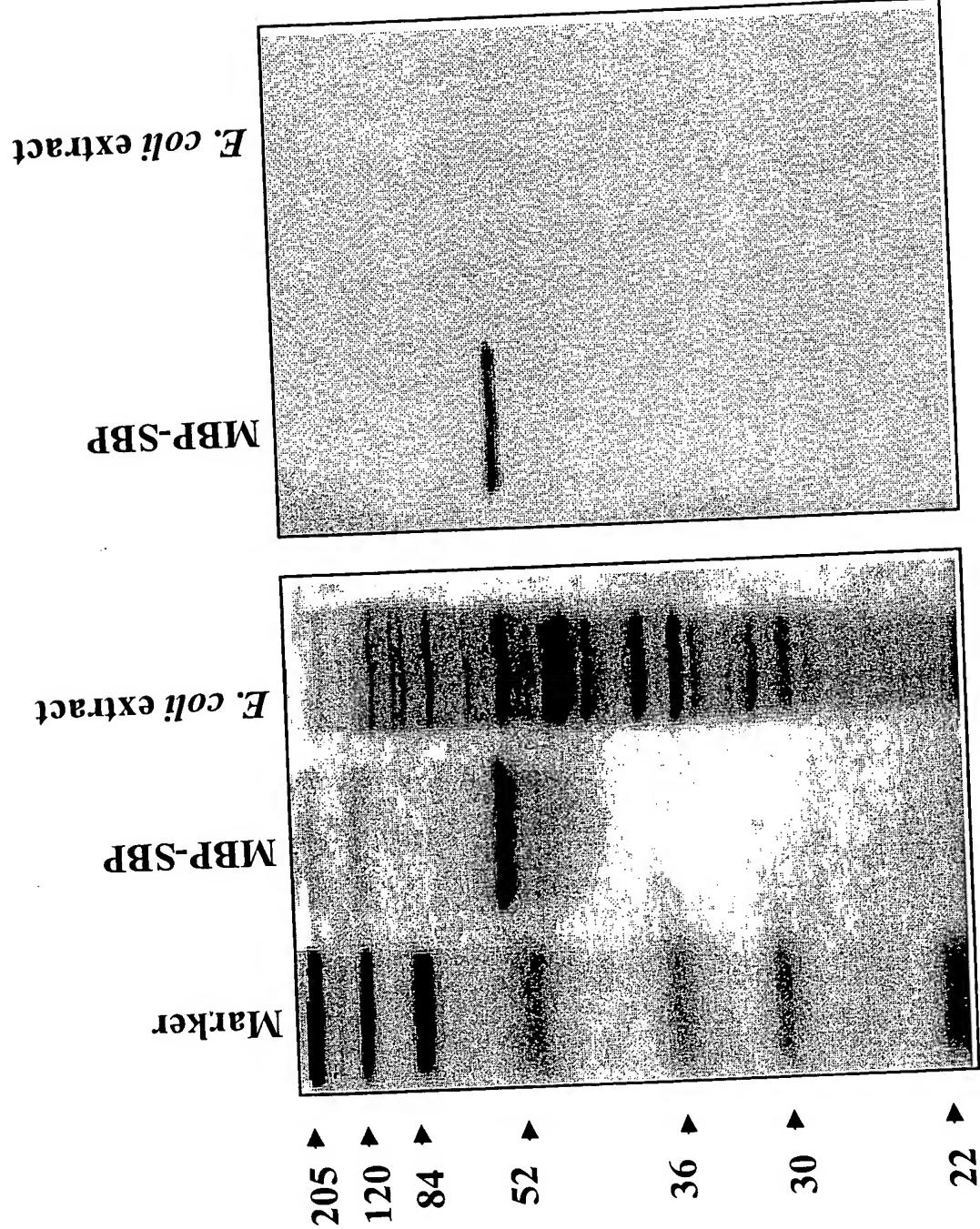


Fig. 12

Fig. 13



83 kDa >
62 kDa >
47.5 kDa >
32.5 kDa >
25 kDa >



Blot developed with SA-HRP

Total protein stain

Fig. 14

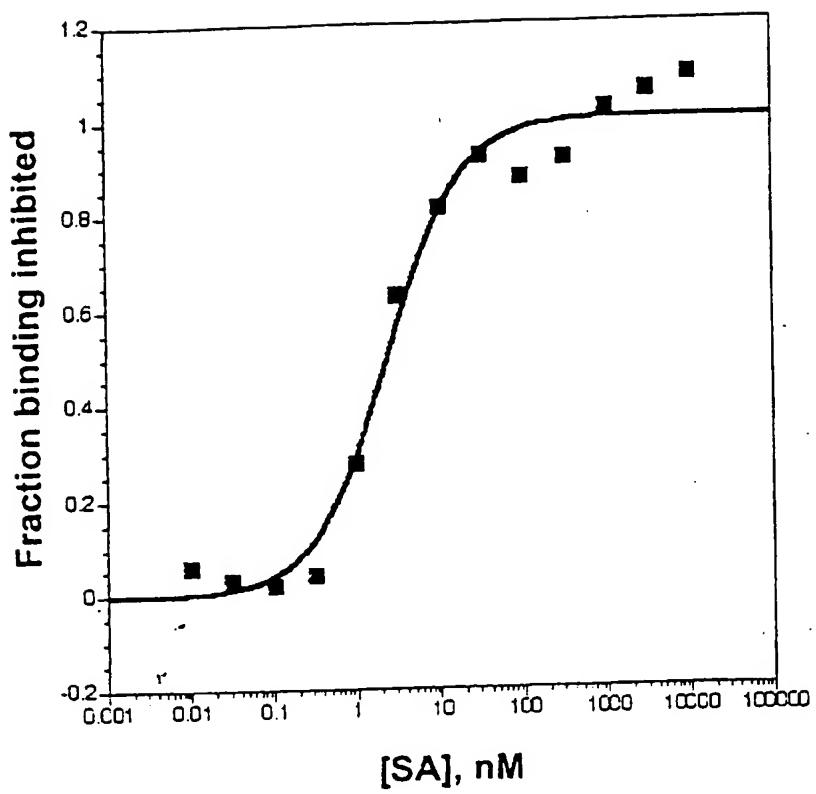


Fig. 15